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Subject: Fw: Concern (Update 29): Sandy Recovery Efforts - Northeast US (Phase 2 NOC 1930-12)
Date: 11/06/2012 06:30 PM
Attachments: [DHS Senior Leader Brief Sandy Recovery Efforts \(1800 EST 6 Nov 2012\).pdf](#)
[NOC Phase 2 - Concern 1930-12 - Update Report 29 - Sandy Recovery Efforts - Northeast U.S. \(1800 EST 6 Nov 2012\).pdf](#)
[NRCC Senior Leadership Brief \(1700 EST 6 Nov 2012\).pdf](#)

For your situational awareness...

Eugene Lee, After Hours Watch Officer

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Concern (Update 29): Sandy Recovery Efforts - Northeast US (Phase 2 NOC 1930-12)

NOC.SWO.Restricted to:

11/06/2012
06:20 PM

Cc: NOC.SWO.Restricted

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Overview: The National Weather Service (NWS) indicates an area of low pressure will develop off the Southeastern coast and intensify as it tracks northward on 7 Nov. This system will develop into a Nor'easter off the Mid-Atlantic coast the afternoon of 7 Nov. Storm surges of 3-5 feet are possible with 40 mph wind and gust near 60 mph. The rain, tide, and surge is expected to cause minimal impact to dewatering of subway tunnels, however some areas may experience power outages, which will hamper pumping efforts.

FEMA has a total of 4,764 personnel deployed in 11 states supporting Sandy recovery efforts. FEMA reports 120 (-9) shelters open with 10,579 (-800) occupants. There are 79 (no change) confirmed storm-related fatalities. NCC reports communication restoration continues to improve in area where debris has been removed and power restored. The primary issues continue to be damaged backhaul facilities, power outages, and fuel replenishment.

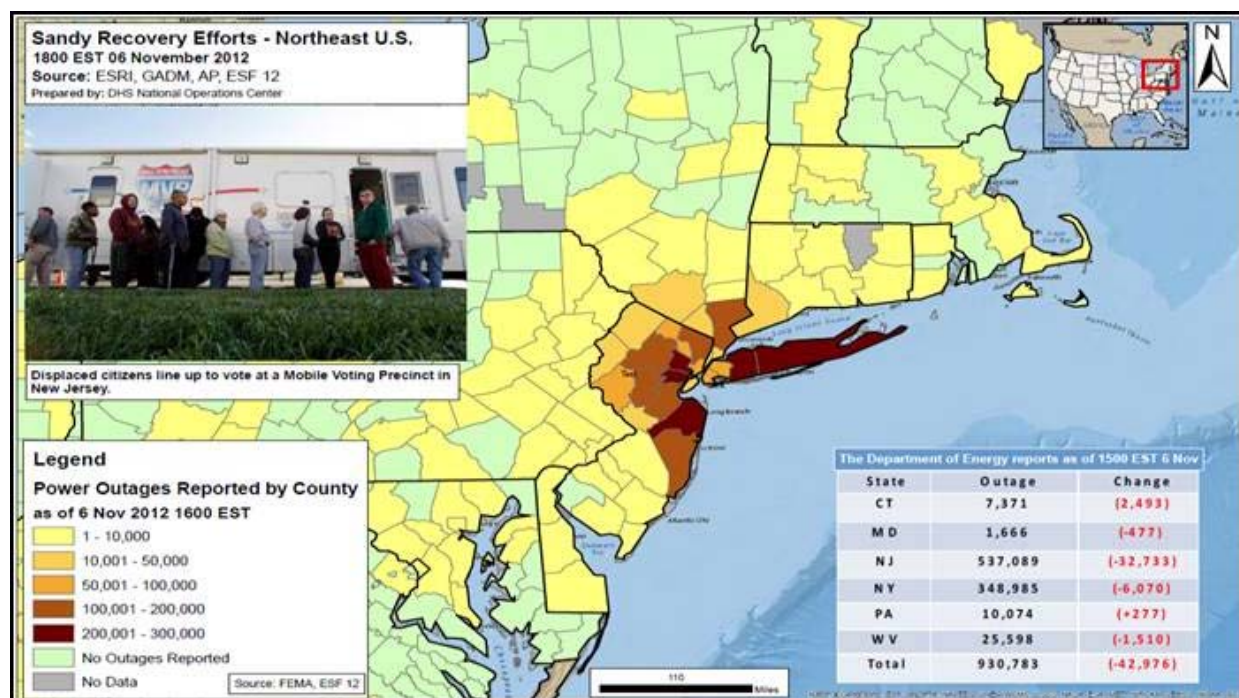
The Port of New York and New Jersey are open to all vessel transit with the exception of Arthur Kill south of the Goethals Bridge. EPA and USCG are responding to 3 major pollution cases on the Arthur Kill waterway. All NYC bridges are open. All mobile switching centers are operational and six percent of cell sites in the affected areas are out of service. USACE has installed 92

generators at critical facilities in NY, NJ, and PA. USACE have completed pumping at seven critical locations in Manhattan. The Department of Education reports that 57 schools in New York City remain too damaged to re-open, displacing 34,000 students. Some schools are being used as shelters. The Department of Health and Human Services (HHS) deployed supporting Hurricane Sandy response.

The Department of Energy (DOE) reports as of 1500 EST there were 930,783 (-42,976) power outages, including: CT, 7,371 (-2,493); MD, 1,666 (-447); NJ, 537,089 (-32,733); NY, 348,985 (-6,070); PA, 10,074 (+277); and WV, 25,598 (-1,510). DOE estimates that 24 percent of gas stations in the NYC metropolitan area do not have gasoline available for sale.

A mandatory evacuation order has been issued for all residents residing in the low-lying waterfront areas of Brick Township, NJ that are prone to flooding or storm surges.

The Department of Homeland Security National Operations Center will continue to monitor this incident. The next scheduled update will be published at 0600 EST 7 Nov.



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DHS Senior Leader Brief
Sandy Recovery Efforts – Northeast U.S.
1800 EST 6 Nov 2012

Overview

A total of **930,783 customers remain without power**. Temporary housing and debris removal remain a critical focus for recovery operations as a coastal storm will bring cold weather, precipitation, flooding, and high winds to the Northeast starting 7 Nov. The National Protection and Programs Directorate estimates approximately 1 million additional customers will experience power outages as result of the coming Nor'easter storm front. FEMA reports 79 (n/c) confirmed storm-related fatalities in nine states.

Weather

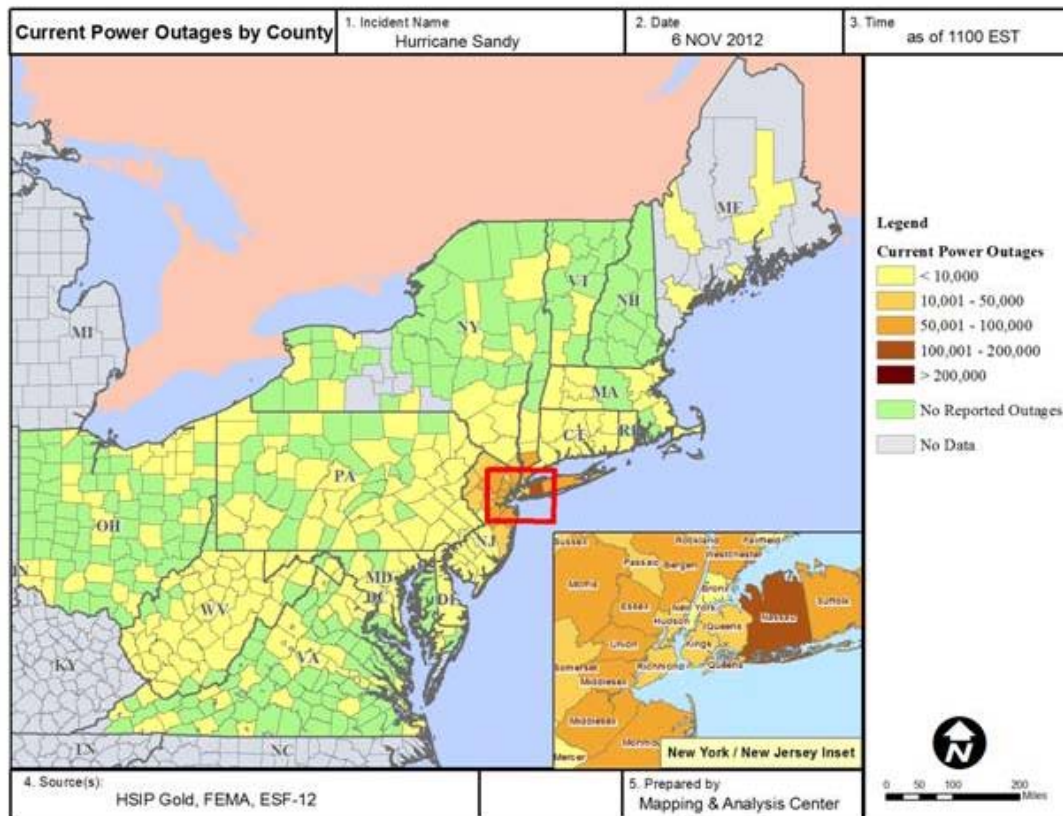
An area of low pressure will develop off the Southeastern coast on 6 Nov. This storm will then intensify as it tracks northward on Wednesday, 7 Nov, becoming a powerful Nor'easter off the Mid-Atlantic coast later that afternoon. Onshore flow from this system is forecast to create storm surge of around 3-4 feet along the NJ shoreline and southern coast of Long Island, NY. Maximum surges of 3-5 feet are possible in areas along Long Island Sound, NY. Rain and snow is possible along the Mid-Atlantic and New England coastlines with afternoon high temperatures in the 40s and overnight lows in the 30s. Accumulating snow (2-3 inches) is possible from DE up to ME including New York City. Winds will be 40 mph with gusts near 60 mph.

Shelters (as of 1500 EST, 6 Nov)

State	Shelters Open	Occupants
CT	5 (n/c)	13 (n/c)
NJ	62 (n/c)	4,229 (n/c)
NY	26 (n/c)	5,361 (n/c)
PA	1 (n/c)	48 (n/c)
WV	26 (-5)	128 (-101)
Total	120 (-5)	9,779 (-101)

Power Outages (as of 1500 EST, 6 Nov)

Impacted State	Current Customer Outages	Percent of State Customers without Power
Connecticut	7,371 (-2,493)	< 1%
Maryland	1,666 (-447)	< 1%
New Jersey	537,089 (-32,733)	14%
New York	348,985 (-6,070)	4%
Pennsylvania	10,074 (+277)	< 1%
West Virginia	25,598 (-1,510)	3%
Total	930,783 (-42,976)	



Department of Homeland Security

Federal Emergency Management Agency (FEMA)

- FEMA has a total of **4,764** personnel deployed in **11 states** supporting **Hurricane Sandy Recovery Operations**.
- Power Restoration Task Force
 - DLA ordered seven additional generators with an estimated delivery no later than 7 Nov.
- Petroleum Supply Chain
 - As of 6 Nov, DOE estimates 24 percent of gas stations in the New York City metropolitan area do not have gasoline available for sale.
 - DOE reports, 47 of 57 terminals are open as of 6 Nov.
 - First Responder Fuel: **DLA reports approximately 500,000 gallons have been delivered to date**. Plans are to support six fuel distribution sites in NJ, nine sites in NY, and six sites for Verizon. DLA is working with 50 National Guard refuelers to reduce the use of commercial fuel trucks.
- Recovery Efforts
 - Recovery Personnel: **DoD reports the Training Ship (TS) Empire State (SUNY Maritime College) is in NY and in use with 266 First Responders being berthed and fed; TS Kennedy (Massachusetts Maritime Academy) and the Ready Reserve Fleet Vessel SS Wright arrived in NY 5 Nov and will begin berthing FEMA Corps members and Urban Search and Rescue Teams.**
 - Debris Removal: DLA has contracts in place for 3,000 ton "Hopper" barges to haul garbage, with an estimated arrival date of 7-8 Nov. DLA has also awarded two contracts for 330 roll-off dumpsters and 34 trucks for overland trash hauling.

Customs and Border Protection (CBP)

- Cruise ships, container ships, and barges are arriving at NY and NJ ship terminals and are being processed by CBP.
- CBP is clearing international arriving flights for JFK and Newark International Airports.
- Radiation portal monitor (RPM) systems; technicians and engineers, along with replacement equipment, and parts are onsite to repair the damaged systems at Global, Red Hook, and NYCT Terminals. Mobile RPM equipment is being used to perform radiation scanning operations while the stationary RPM systems are repaired and re-calibrated.

National Protection and Programs Directorate (NPPD)

- The Homeland Infrastructure Threat Risk Assessment Center (HITRAC) has updated its previous analysis on the potential impact from the Nor'easter.
 - Although additional power outages are likely, HITRAC's findings are that storm surge in the areas previously impacted by Hurricane Sandy is not expected to cause significant additional damage to critical infrastructure. Minor flooding is projected, with areas at or below 5-7 feet above mean sea level (only 3 feet about normal high tide) at risk of coastal storm surge.
 - The rain, tide, and surge is expected to cause minimal impact to dewatering of subway tunnels in New York City; however, some areas may experience electric power outages, which will hamper current pumping efforts and either slow dewatering efforts or cause additional flooding.
- The HITRAC reports "open" status for the four most Critical Terminals (approximately 80 percent of the NJ terminal capacity):
 - IMTT in Bayonne; Kinder Morgan in Carteret; NuStar in Linden; and Kinder Morgan in Perth Amboy.

U.S. Coast Guard (USCG)

- Phillips 66 Facility has approximately 7,770 gallons of diesel fuel that discharged into the Arthur Kill Waterway and Morris Creek. Approximately 1,800 gallons have been recovered.
- Motiva Facility has approximately 277,000 gallons of diesel that released into secondary containment and the nearby waterway. USCG Atlantic Strike Team is on the scene and a Unified Command has been established.
- Kinder Morgan Facility has approximately 10,000 gallons of bio-diesel that discharged into Rum Creek, boom has been deployed and a USCG Atlantic Strike Team is on the scene.
- All ports in District 1 and 5 (Long Island Sound, NY, New London and New Haven, CT, NJ and NY) are expected to remain at current port conditions.
- 40 of 44 ferry terminals in NY are operational.
- Two of seven container facilities in the Port of NY are fully available to receive vessels – the A.P. Moller Terminal and the Maher Terminal. Four of the seven are partially available – Port Newark Container Terminal, Port Authority of NY and NJ – NY Terminal, Global Terminal and Container Services, Red Hook Marine Terminal.
- Preparations for the impending coastal storm are underway. The Coast Guard is providing the ports and facilities with assistance as needed and members are working to ensure the waterways and coastal areas are prepared prior to the storm's arrival.

Other Federal Agencies / Departments

Department of Transportation (DOT)

- Amtrak:
 - Modified service continues on the Acela Express and Northeast Regional lines on 6-7 Nov on the Northeast Corridor between Boston - NYC - Washington, DC as well as on the Empire Service operating between NYC and Albany-Rensselaer, as of 6 Nov.
 - Service on the Keystone line will only operate between Harrisburg, PA and

Philadelphia, with the exception of Trains 656 and 639.

- The Ethan Allen Express line will operate normally between NYC and Rutland, VT.
- Metropolitan Transportation Authority:
 - Service has been restored to the majority of NYC subway lines, as of 6 Nov.
- NJ Transit:
 - The majority of bus routes are operating fully or with partial service; restoration efforts continue, as of 6 Nov.
- Port Authority Trans-Hudson (PATH):
 - Bus service is operating on a normal weekday schedule, and rail service is partially restored, as of 6 Nov.
- New York Container Terminal (NYCT):
 - NYCT, located in Staten Island, NY is open, but has limited power, as of 6 Nov.

Department of Defense (DoD)

- The 26th Marine Expeditionary Unit (MEU), aboard the USS Wasp, USS San Antonio, and USS Carter Hall Amphibious Readiness Group (ARG), is on station off New York City. The Secretary of Defense has approved the ARG/MEU to remain on station until 8 Nov, if needed to support FEMA Mission Assignments. (DoD as of 0900 EST 6 Nov).
 - The ARG/MEU is capable of providing air support, basic engineering, commodities distribution, limited surface mobility, and medical services and preventive medicine support. (DoD as of 0900 EST 6 Nov).
- Defense Logistics Agency delivered 500,000 meals to Joint Base Maguire Dix Lakehurst, NJ and 500,000 meals to Floyd Bennet Field, Brooklyn, NY as of 6 Nov.
- There are a total of 7,487 National Guard personnel on duty supporting recovery operations.
- NY National Guard is conducting 20 Point of Distribution missions: 258,000 meals, 431,984 bottles of water, and 21,000 blankets were distributed on 5 Nov.

U.S. Army Corps of Engineers (USACE)

- Task Force Un-watering:
 - USACE is currently pumping at Brooklyn Battery Tunnel, Montague Tunnel, Jersey City PATH Train Tunnel, as of 6 Nov.
 - USACE is responsible for un-watering operations at 14 sites as of 6 Nov – the complexity of the missions is increasing.
 - Three additional sites assigned to USACE are the Kearny Amtrak Substation, Metropolitan Avenue Bridge Pier Operating Machinery Pits, and Manhattan Steam Plant Tunnel, as of 6 Nov.
 - USACE has completed its un-watering tasks at the Queens Midtown Tunnel, World Trade Center Site, South Ferry Station, 53rd Street Tunnel, Battery Underpass, Manhattan Steam Plant Tunnel, and the 14th Street Tunnel, as of 6 Nov.
- Task Force Power
 - Electrical power has been restored to the Hoboken High Rises, as of 6 Nov.
 - Maintaining total asset visibility of over 300 generators at six sites in NJ, NY, and PA, as of 6 Nov.
 - Working to restore power to the Kinder Morgan Terminal. Assessments are complete; the power plant will be installed on 6 Nov.

Department of Health and Human Services

- There are 10 Disaster Management Assistance Teams (DMAT), one DMAT Strike Team, 1 Rapid Deployment Force (RDF), and one Incident Response Coordination Team

(IRCT) engaged in NY.

- There are five DMATs, one DMAT Strike Team, one RDF, and one IRCT engaged in NJ, with two additional DMATs and a National Veterinary Response Team staged.
- Emergency Prescription Assistance was approved for NJ as of 6 Nov – the program provides emergency prescription medicines for those in the affected area unable to reach a pharmacy.

Environmental Protection Agency (EPA)

- EPA Clean Waters vessel is conducting water quality and sampling investigations off the coast of NJ.
- The Passiac Valley Sewerage Commission has successfully restarted primary treatment operations at the plant after dewatering critical areas of the facility, as of 6 Nov.
- A no action assurance was issued, to address vapor recovery requirements at bulk gasoline loading and marine terminals in MA and MD on 6 Nov.
- EPA is conducting assessments of Superfund sites in NY and NJ are being conducted, expected completion end of week, as of 1357 EST, 6 Nov.
- A Middlesex County Utility Authority (MCUA) diver is scheduled to make a confined space entry on 6 Nov. The timeline for getting the facility fully back on line is at least two weeks.
- EPA community involvement coordinators are in Brooklyn distributing information regarding household hazardous waste and helpful information from other agencies.

State and Local Response

New Jersey

- The Middlesex Water Utility lost power to its water intake pump system on 5 Nov, requiring a 48-hour contaminant flush. As a result, a boil water advisory remains in effect for the following towns: Carteret, Woodbridge, Edison, South Amboy, Highland Park, East Brunswick, and Metuchen.

New York

- NYC Schools were closed 6 Nov due to National Elections.
- 57 schools in NYC remain too damaged to reopen, displacing 34,000 students as of 6 Nov.
- The Queens Midtown Tunnel has opened one lane for buses only, as of 6 Nov.

Private Sector

- FEMA Private Sector Division has 12 Private Sector Liaisons in NY and NJ working with state counterparts to share information and facilitate two-way information flow with private sector partners.
- No new impacts have been reported, major retail chains have engaged in assisting with distributing blankets, food, water and monetary support.
- Verizon is supporting FEMA in Rockaway and Long Beach, NY by offering their trailer and online access for survivors to register for assistance. The Long Beach operation will close 6 and 7 Nov due to weather but will resume on 9 Nov.

The next Senior Leader Brief will be published at 0600 EST 7 Nov 2012.

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